

IPL

Summer 2003 Preparedness

May 1, 2003

IPL 2003 Summer Preparedness

- Power Supply
 - Generation - Herman Schkabila
 - Purchased Power - Herman Schkabila
 - Demand Side Management - Tate Ayers
- Plants
 - Buck Hunt (Petersburg)
 - Rick Willis (Harding Street)
 - John Tex (Eagle Valley)
- Transmission & Distribution
 - Mike Holtsclaw

We Build

We Buy

We Conserve

... and We Deliver

IPL Historical Summer Peaks

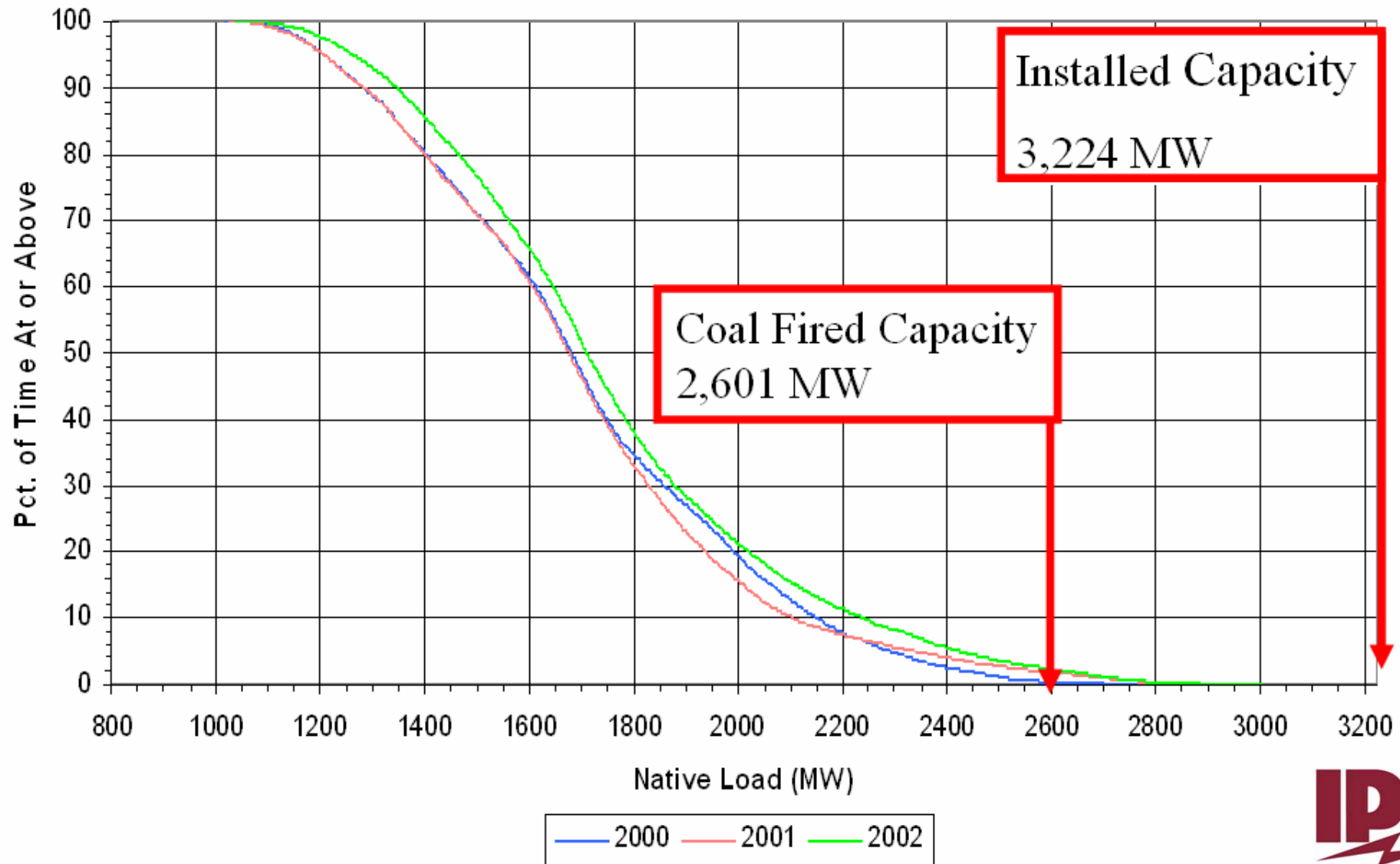
	<u>2000</u>	<u>2001</u>	<u>2002</u>
MW	2766	2916	3003
Date	8/15/00	8/7/01	7/22/02
Hour	4:00 PM	4:00 PM	4:00 PM
Temp.	88 °F	91°F	92°F
Relative Humidity	63%	54%	58%
THI	81.7	82.7	84.0

IPL Annual Load Profile

2000 Peak Demand 2,766 MW

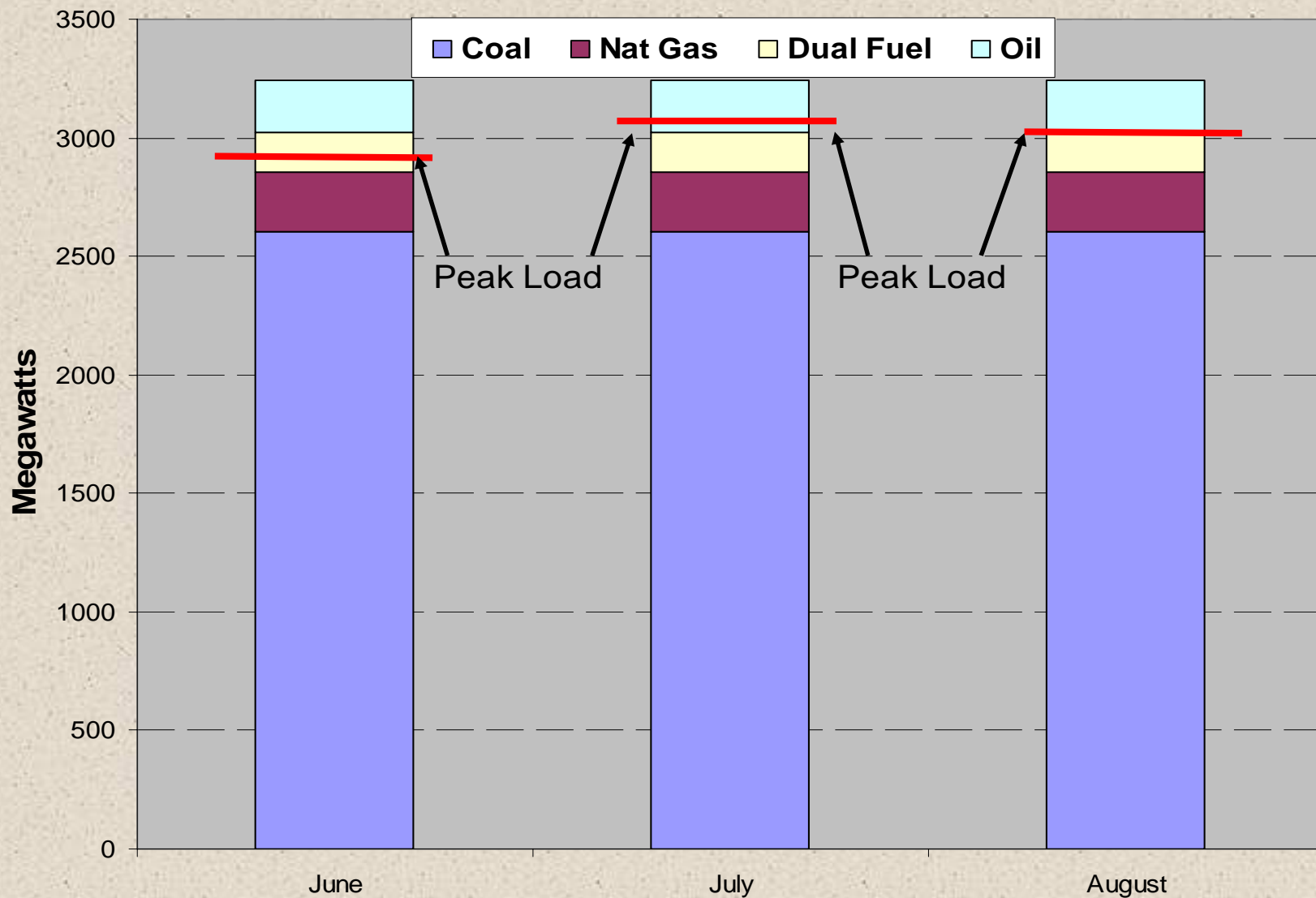
2001 Peak Demand 2,916 MW

2002 Peak Demand 3,003 MW



IPL Generating Capability By Fuel Type

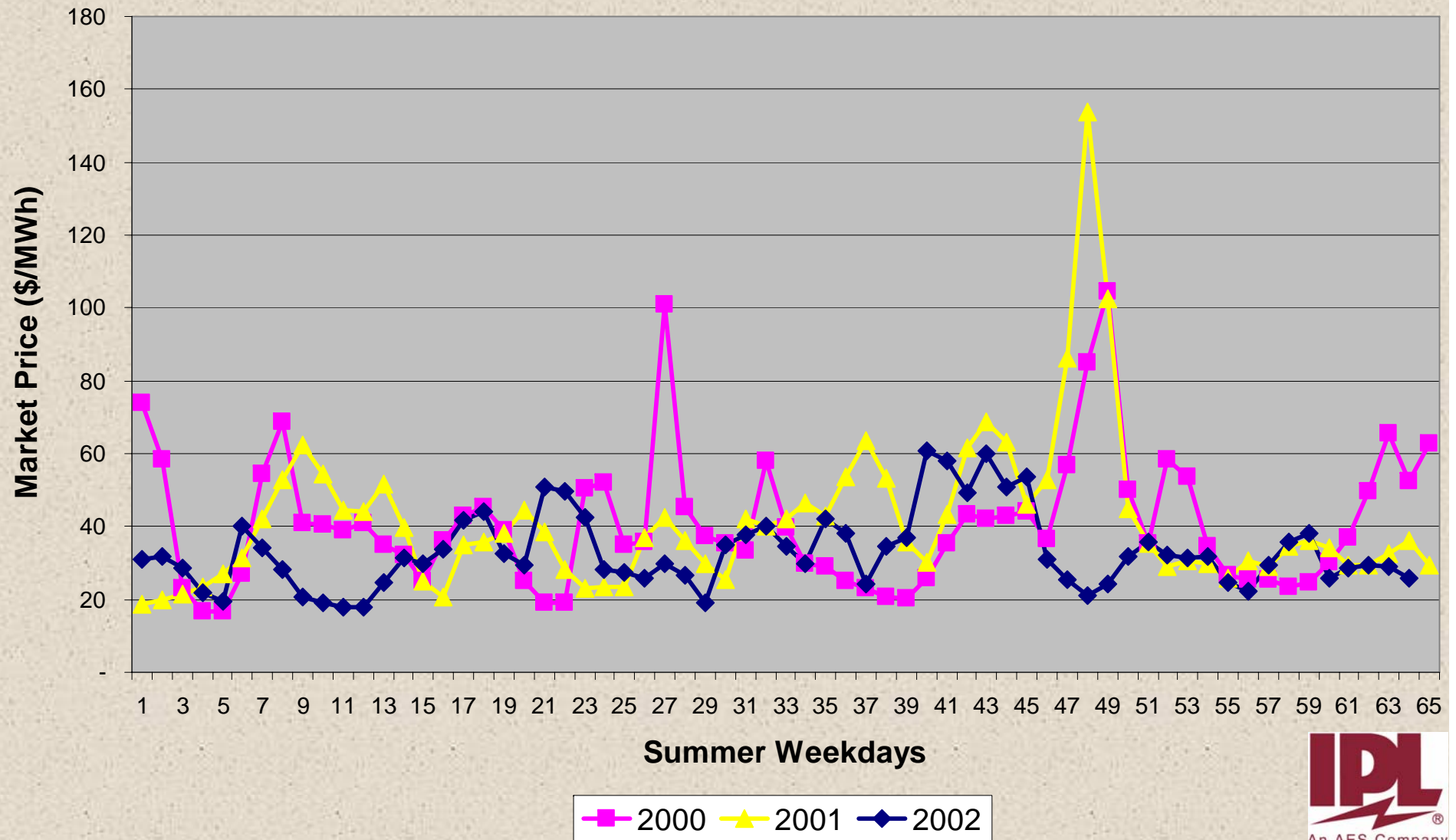
Summer 2003



Forward Market Prices

Date	June	July-August
5/1/1998	28.20	58.25
5/3/1999	58.63	118.00
5/1/2000	67.25	148.00
5/1/2001	68.75	110.50
5/2/2002	37.05	49.85
5/1/2003	42.75	52.75

Into Cinergy Day Ahead Price Index June through August



ECAR Demand & Capacity

	Summer 1998	Summer 2003	Change
ECAR Demand (TID)	93,952	100,714	6,762
ECAR Capacity (NDC)	104,224	129,245	25,021
ECAR Capacity Margin	10,272	28,531	18,259

IPL 2003 Summer Projected Peaks

	<u>June</u>	<u>July</u>	<u>August</u>
Uncontrolled Demand	2973	3129	3099
Load Management & Conservation DSM	128	128	128
Net Internal Demand	2845	3001	2971

Note: Forecasted values are based on a THI of 84.0

Resources Available to Meet IPL Summer Peaks Summer 2003

	<u>June</u>	<u>July</u>	<u>August</u>
Projected Peak (NID)	2,845	3,001	2,971
Existing IPL Owned Generation	3,224	3,224	3,224
Network Resource (CTE)	19	19	19
Unit Contingent Power Purchase	73	73	73
Firm Purchase (5x16)		50	50
Scrubber Option	19	19	19
Total Resources	3,335	3,385	3,385

IPL & ECAR *Reserve Margins*

Summer 2003

	<u>June</u>	<u>July</u>	<u>August</u>
IPL Net Internal Demand (NID)%	17.2	13.0	14.2
ECAR (Stand Alone) NID %	33.7	26.3	27.2
ECAR (w/ Sched Inter) NID %	36.2	28.9	29.9

Note: ECAR numbers are based on preliminary 2003 GRP-33 Summer Appraisal Report.

We Build — Recent Capacity Additions

Unit Name	In Service	Summer Capacity (MW)
HSS GT4	1994	82
HSS GT5	1995	82
GTWN GT1	2000	79
HSS GT6	2002	158

IPL Current Unit Outages

- Harding Street Station Unit 4 (35MW) is scheduled to return May 15th
- Eagle Valley Unit 1 (39MW) is scheduled to return June 1st
- Petersburg Unit 2 (407MW) is scheduled to return May 1st
- Petersburg Unit 3 (510MW) is scheduled to return May 16th

We Buy – Summer 2003

Size	Term	Type
50 MW	Jul-Aug 03	5x16 firm forward
73 MW	May-Sep 03	Unit Contingent

Customer Load Management Options Summer Demand Impacts (MW's)

						PROJECTED
	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	
Rider 14	12	12	12	12	12	
Rider 16	24	28	19	19	0	
SS-Agreements	6	6	5	5	5	
Rider 17	12	10	14	3	3	
Rider 18		20	20	0	0	
Rider 15			27	23	38	
ACLM					2	
Total	54	76	97	62	60	

Air Conditioning Load Management (ACLM)

- ACLM is a voluntary load management program for our Residential Customers.
- Cycling AC = about 1 kW per customer.
- Customers receive \$20 each summer.
- Expect 2,000 customers by June 2003.
- Expect 10 MW's of curtailable load by 2005.

Questions ???